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(FILE 'HOME' ENTERED AT 15:13:04 ON 21 JUL 2008)

FILE 'CAPLUS' ENTERED AT 15:13:18 ON 21 JUL 2008

L1 641 S FARNESOID X RECEPTOR

L2 14 S L1 AND CRYSTAL?

=> d L2 1-14

L2 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2008:470410 CAPLUS

DN 149:47221

TI Identification of a potent synthetic FXR agonist with an unexpected mode of binding and activation

AU Soisson, Stephen M.; Parthasarathy, Gopalakrishnan; Adams, Alan D.; Sahoo, Soumya; Sitlani, Ayesha; Sparrow, Carl; Cui, Jisong; Becker, Joseph W.

CS Merck Research Laboratories, Rahway, NJ, 07065, USA

SO Proceedings of the National Academy of Sciences of the United States of America (2008), 105(14), 5337-5342

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2008:440212 CAPLUS

TI Identification of a potent synthetic FXR agonist with an unexpected mode of binding and activation

AU Soisson, Stephen M.; Parthasarathy, Gopalakrishnan; Adams, Alan D.; Sahoo, Soumya; Sitlani, Ayesha; Sparrow, Carl; Cui, Jisong; Becker, Joseph W.

CS Merck Research Laboratories, Rahway, NJ, 07065, USA

SO Proceedings of the National Academy of Sciences of the United States of America, Early Edition (2008), (Apr 7 2008), 1-6, 6 pp.

CODEN: PNASC8

URL: <http://www.pnas.org/cgi/reprint/0710981105v1>

PB National Academy of Sciences

DT Journal; (online computer file)

LA English

L2 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:866761 CAPLUS

DN 147:419260

TI Nongenomic Actions of Bile Acids. Synthesis and Preliminary Characterization of 23- and 6,23-Alkyl-Substituted Bile Acid Derivatives as Selective Modulators for the G-Protein Coupled Receptor TGR5

AU Pellicciari, Roberto; Sato, Hiroyuki; Gioiello, Antimo; Costantino, Gabriele; Macchiarulo, Antonio; Sadeghpour, Bahman M.; Giorgi, Gianluca; Schoonjans, Kristina; Auwerx, Johan

CS Dipartimento di Chimica e Tecnologia del Farmaco, Universita di Perugia, Perugia, 06123, Italy

SO Journal of Medicinal Chemistry (2007), 50(18), 4265-4268

CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

LA English

OS CASREACT 147:419260

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:920053 CAPLUS
 DN 145:263427
 TI The nuclear hormone receptor farnesoid X
 receptor (FXR) is activated by androsterone
 AU Wang, Shuguang; Lai, KehDih; Moy, Franklin J.; Bhat, Anitha; Hartman,
 Helen B.; Evans, Mark J.
 CS Cardiovascular and Metabolic Disease Research, Wyeth Research,
 Collegeville, PA, 19426, USA
 SO Endocrinology (2006), 147(9), 4025-4033
 CODEN: ENDOAO; ISSN: 0013-7227
 PB Endocrine Society
 DT Journal
 LA English
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:132178 CAPLUS
 DN 144:273461
 TI Studies on LXR- and FXR-mediated effects on cholesterol homeostasis in
 normal and cholic acid-depleted mice
 AU Wang, J.; Einarsson, C.; Murphy, C.; Parini, P.; Bjoerkhem, I.; Gaafvels,
 M.; Eggertsen, G.
 CS Division of Clinical Chemistry, Department of Laboratory Medicine,
 Karolinska Institutet, Karolinska University Hospital, Huddinge, Swed.
 SO Journal of Lipid Research (2006), 47(2), 421-430
 CODEN: JLPRAW; ISSN: 0022-2275
 PB American Society for Biochemistry and Molecular Biology, Inc.
 DT Journal
 LA English
 RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:1149119 CAPLUS
 DN 144:209654
 TI Biliary lipids, water and cholesterol gallstones
 AU van Erpecum, Karel J.
 CS Department of Gastroenterology, University Hospital Utrecht, Utrecht,
 Neth.
 SO Biology of the Cell (2005), 97(11), 815-822
 CODEN: BCELDF; ISSN: 0248-4900
 PB Portland Press Ltd.
 DT Journal; General Review
 LA English
 RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:973026 CAPLUS
 DN 143:419359
 TI .alpha.-Crystallin Is a Target Gene of the Farnesoid X-activated
 Receptor in Human Livers
 AU Lee, Florence Y.; Kast-Woelbern, Heidi R.; Chang, Jenny; Luo, Guizhen;
 Jones, Stacey A.; Fishbein, Michael C.; Edwards, Peter A.
 CS Department of Biological Chemistry, David Geffen School of Medicine at
 UCLA, UCLA, Los Angeles, CA, 90095, USA
 SO Journal of Biological Chemistry (2005), 280(36), 31792-31800
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology

DT Journal
LA English
RE.CNT 91 THERE ARE 91 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:479103 CAPLUS
DN 143:165782
TI Farnesoid X receptor agonism - a new
approach to the treatment of cholesterol gallstone disease
AU Doggrell, Sheila A.
CS School of Biomedical Sciences, University of Queensland, QLD 4072,
Australia
SO Expert Opinion on Investigational Drugs (2005), 14(4), 535-538
CODEN: EOIDER; ISSN: 1354-3784
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:10720 CAPLUS
DN 142:72636
TI Megalin and cubilin expression in gallbladder epithelium and regulation by
bile acids
AU Erranz, Benjamin; Miquel, Juan Francisco; Argraves, W. Scott; Barth,
Jeremy L.; Pimentel, Fernando; Marzolo, Maria-Paz
CS Center for Cell Regulation and Pathology "Joaquin V. Luco", Departamento
de Biologia Celular y Molecular, Facultad de Ciencias Biologicas,
Pontificia Universidad Catolica de Chile, Santiago, Chile
SO Journal of Lipid Research (2004), 45(12), 2185-2198
CODEN: JLPRAW; ISSN: 0022-2275
PB American Society for Biochemistry and Molecular Biology, Inc.
DT Journal
LA English
RE.CNT 85 THERE ARE 85 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:513495 CAPLUS
DN 141:47277
TI Method for creating specific, high affinity nuclear receptor
pharmaceuticals
IN Baxter, John D.; Scanlan, Thomas S.; Fetterick, Robert J.; Borngraeber,
Sabine; Webb, Paul; Chiellini, Grazia
PA The Regents of the University of California, USA
SO PCT Int. Appl., 164 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | WO 2004052302 | A2 | 20040624 | WO 2003-US39257 | 20031209 |
| | WO 2004052302 | A3 | 20040902 | | |
| | US 20040110154 | A1 | 20040610 | US 2002-317034 | 20021210 |
| | US 7302347 | B2 | 20071127 | | |
| | AU 2003300852 | A1 | 20040630 | AU 2003-300852 | 20031209 |
| PRAI | US 2002-317034 | A | 20021210 | | |
| | US 2003-453608P | P | 20030310 | | |
| | US 2003-526931P | P | 20031203 | | |
| | WO 2003-US39257 | W | 20031209 | | |

L2 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:473214 CAPLUS
 DN 141:33740
 TI Method for creating specific, high affinity nuclear receptor
 pharmaceuticals
 IN Baxter, John D.; Scanlan, Thomas S.; Fetterick, Robert J.; Borngraeber,
 Sabine; Webb, Paul
 PA The Regents of the University of California, USA
 SO U.S. Pat. Appl. Publ., 37 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| PI | US 20040110154 | A1 | 20040610 | US 2002-317034 | 20021210 |
| | US 7302347 | B2 | 20071127 | | |
| | WO 2004052302 | A2 | 20040624 | WO 2003-US39257 | 20031209 |
| | WO 2004052302 | A3 | 20040902 | | |
| | WO 2004052303 | A2 | 20040624 | WO 2003-US39258 | 20031209 |
| | WO 2004052303 | A3 | 20050506 | | |
| | AU 2003300852 | A1 | 20040630 | AU 2003-300852 | 20031209 |
| | AU 2003302741 | A1 | 20040630 | AU 2003-302741 | 20031209 |
| | US 20040253648 | A1 | 20041216 | US 2003-732901 | 20031209 |
| PRAI | US 2002-317034 | A | 20021210 | | |
| | US 2003-453608P | P | 20030310 | | |
| | US 2003-526931P | P | 20031203 | | |
| | WO 2003-US39257 | W | 20031209 | | |
| | WO 2003-US39258 | W | 20031209 | | |

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:453343 CAPLUS
 DN 141:19434
 TI Crystal structure of the human farnesoid X
 receptor ligand binding domain complexed with fexaramine and
 identification and development of novel small molecule ligands for FXR
 IN Downes, Michael R.; Verdecia, Mark A.; Noel, Joseph P.; Evans, Ronald M.;
 Bowman, Lindsey J.; Bowman, Marianne
 PA The Salk Institute for Biological Studies, USA
 SO PCT Int. Appl., 139 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| PI | WO 2004046323 | A2 | 20040603 | WO 2003-US36548 | 20031114 |
| | WO 2004046323 | A3 | 20041209 | | |
| | AU 2003298654 | A1 | 20040615 | AU 2003-298654 | 20031114 |
| | US 20060194949 | A1 | 20060831 | US 2005-535042 | 20050513 |
| PRAI | US 2002-426665P | P | 20021115 | | |
| | US 2002-426668P | P | 20021115 | | |
| | WO 2003-US36548 | W | 20031114 | | |

L2 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:375244 CAPLUS
 DN 139:159454
 TI A chemical, genetic, and structural analysis of the nuclear bile acid
 receptor FXR
 AU Downes, Michael; Verdecia, Mark A.; Roecker, A. J.; Hughes, Robert;

Hogenesch, John B.; Kast-Woelbern, Heidi R.; Bowman, Marianne E.; Ferrer, Jean-Luc; Anisfeld, Andrew M.; Edwards, Peter A.; Rosenfeld, John M.; Alvarez, Jacqueline G. A.; Noel, Joseph P.; Nicolaou, K. C.; Evans, Ronald M.

CS Gene Expression Laboratory, Howard Hughes Medical Institute, La Jolla, CA, 92037, USA

SO Molecular Cell (2003), 11(4), 1079-1092
CODEN: MOCEFL; ISSN: 1097-2765

PB Cell Press

DT Journal

LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2001:380609 CAPLUS

DN 135:805

TI Chimeric proteins containing hormone receptor functional entities and methods of their use

IN Gage, Fred H.; Suhr, Steven T.; Gil, Elad B.; Senut, Marie-Claude C.

PA The Salk Institute for Biological Studies, USA

SO PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | WO 2001036447 | A2 | 20010525 | WO 2000-US41224 | 20001017 |
| | WO 2001036447 | A3 | 20020815 | | |
| | US 7057015 | B1 | 20060606 | US 1999-421971 | 19991020 |
| | CA 2388524 | A1 | 20010525 | CA 2000-2388524 | 20001017 |
| | AU 2001041341 | A | 20010530 | AU 2001-41341 | 20001017 |
| | EP 1272844 | A2 | 20030108 | EP 2000-992120 | 20001017 |
| PRAI | US 1999-421971 | A1 | 19991020 | | |
| | WO 2000-US41224 | W | 20001017 | | |